

**ENGINEERING-SCIENCE, INC.** a unit of  
**PARSONS ENVIRONMENTAL SERVICES, INC.**

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September 14, 1994  
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Mr. Randy Ogg  
Environmental Restoration Program Manager  
EG&G Rocky Flats, Inc.  
P.O. Box 464, Bldg. 080  
Golden, CO 80402-0464

Subject: **Approach to Surficial Soil Sampling**  
Operable Unit 4 Phase II RFI/RI Requirements Post Closure Assessment  
Task Order MTS 343780GG3 Under Master Task Subcontract MTS 225453RR

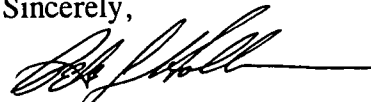
Dear Mr. Ogg:

At the September 12, 1994 OU4 Programmatic Meeting, you requested a brief explanation of the surficial soil sampling approach included in the Final OU4 Phase II RFI/RI Work Plan issued to EG&G on August 29, 1994. In response to that request, I submit the following.

The approach adopted in the Final Phase II RFI/RI Work Plan responded to CDHPE comments dated May, 1994, on Section III.2.2.1 of the proposed IM/IRA Decision Document (IM/IRA-DD) and the Draft Final OU4 Phase II RFI/RI Work Plan. In those responses, the DOE agreed to include characterization of soils outside the OU4 boundary within the scope of the OU4 Phase II RFI/RI to complete the evaluation of the nature and extent of contamination from the Solar Evaporation Ponds. It was subsequently proposed in the Final Phase II RFI/RI Work Plan to acquire and evaluate all surficial soil data collected in the operable units adjacent to OU4. The nature of this evaluation is to determine whether OU4 surficial soil potential contaminants of concern (PCOC) are present beyond the OU4 boundary or if there is insufficient information to document the presence or absence of these PCOCs. If there is a likelihood that OU4 surficial soil contamination is present outside of OU4 at concentrations above the action levels specified in the IM/IRA-DD, then additional sampling would be proposed in Technical Memorandum No. 5, which would specify the locations, target analytes, sampling protocols, and analytical methods to be used. This task is proposed to be accomplished in parallel with the initial field activities proposed under the Final Phase II Work Plan.

If you have any questions please contact me at (303) 764-8883.

Sincerely,



Peter J. Holland, P.E.  
Project Manager, Phase II RFI/RI

cc: K. Ruger, EG&G  
S. Paris, EG&G  
EG&G Records (2-c/o C. Horne)



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